Training The Model

```
[23] len(x_train)
```

```
24
```

```
model.fit(x_train,epochs=10,steps_per_epoch=len(x_train),validation_data=x_test,validation_steps=len(x_test))
```

```
Epoch 1/10
24/24 [==============================] - 229s 10s/step - loss: 53.1524 - accuracy: 0.0736 - val_loss: 171.7478 - val_accuracy: 0.0000e+00
Epoch 2/10
24/24 [==============================] - 40s 2s/step - loss: 492.2090 - accuracy: 0.0862 - val_loss: 678.1298 - val_accuracy: 0.0000e+00
Epoch 3/10
24/24 [==============================] - 40s 2s/step - loss: 567.8535 - accuracy: 0.1688 - val_loss: 512.3661 - val_accuracy: 0.0000e+00
Epoch 4/10
24/24 [==============================] - 40s 2s/step - loss: 699.1594 - accuracy: 0.2011 - val_loss: 1301.6943 - val_accuracy: 0.0000e+00
Epoch 5/10
24/24 [==============================] - 41s 2s/step - loss: 1281.1102 - accuracy: 0.1724 - val_loss: 1302.7297 - val_accuracy: 0.0000e+00
Epoch 6/10
24/24 [==============================] - 40s 2s/step - loss: 2245.8928 - accuracy: 0.2083 - val_loss: 2167.4797 - val_accuracy: 1.0000
Epoch 7/10
24/24 [==============================] - 40s 2s/step - loss: 2756.2563 - accuracy: 0.2531 - val_loss: 5060.4985 - val_accuracy: 0.0000e+00
Epoch 8/10
24/24 [==============================] - 40s 2s/step - loss: 4948.9561 - accuracy: 0.2101 - val_loss: 3054.8335 - val_accuracy: 0.0000e+00
Epoch 9/10
24/24 [==============================] - 40s 2s/step - loss: 6628.9409 - accuracy: 0.1724 - val_loss: 8584.1348 - val_accuracy: 0.0000e+00
Epoch 10/10
24/24 [==============================] - 40s 2s/step - loss: 10316.3350 - accuracy: 0.1706 - val_loss: 8736.5762 - val_accuracy: 0.0000e+00
<keras.callbacks.History at 0x7f805e4eecd0>
```

```
[ ]
```